temperature sensor wires 268, may also be disposed within the lumen 246. The proximal end 26 of the distal end tube 24 is adhesively butt bonded (note reference numeral 32) to the distal end 28 of the main body tube 18. To provide strength to the butt bond 32, a tubular butt bond sleeve 274 is disposed within the butt bond joint assembly 40, and both the distal end 28 of the main body tube 18 and the proximal end 26 of the distal end tube 24 are adhesively bonded to the butt bond sleeve 274 in addition to being butt bonded to one another. A quantity of adhesive material 280 is also inserted into the butt bond sleeve 274 to bond the steering mechanism sleeve 264 within the butt bond sleeve 274.

C3

Please rewrite the paragraph on page 16, lines 22-29 in the following amended form:

When the main body tube 18 is rotated, it is desirable that the torque be communicated to the distal end assembly 22. To achieve this, the torque at the distal end 28 of the main body tube 18 is transferred to the distal end assembly 22 through the butt bond joint 40, primarily from the butt bonding sleeve 274, to the steering center support 260 through the adhesive material 280 within the butt bond sleeve 274. Torque forces are also transferred from the main body tube 18, through the butt bond 32 to the proximal end 26 of the distal end tube 24.

C4

In the Claims:

Please cancel claims 32 and 45 without prejudice.

Please rewrite claims 30, 31, 33, 34, 38, 39, 40, 43, 44, 46, 47 and 49 in the following amended form:

SUB D1

30. (Amended) A catheter, comprising:

a hollow catheter body having a side wall and an aperture extending through a predetermined portion of the side wall;

a steering center support located within the catheter body; and

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adhesive material located within the hollow catheter body such that at least a portion of the adhesive material is in the vicinity of the side wall aperture, the adhesive material securing the hollow catheter body to the steering center support.

31. (Amended) A catheter as claimed in claim 30, further comprising:

a guide coil secured to the hollow catheter body by the adhesive material.

33. (Amended) A catheter as claimed in claim 30, further comprising:

a sleeve covering at least a portion of the steering center support.

C6

34. (Amended) A catheter as claimed in claim 30, wherein the steering center support defines a periphery and the adhesive material extends around the periphery of the steering center support.

38. (Amended) A catheter as claimed in claim 37, wherein the at least one energy transmission element comprises a tip energy transmission element, and the steering center support is connected to the tip energy transmission element.

C7

39. (Amended) A catheter as claimed in claim 30, further comprising:

a torque transfer device located within at least a portion of the adhesive material and adapted to engage at least a portion of the steering center support and transfer torque to the steering center support.

40. (Amended) A catheter, comprising:

a hollow catheter body proximal member defining a distal region;

a hollow catheter body distal member defining a proximal region, the distal and proximal members being respectively located such that one of the distal region of the proximal member and the proximal region of the distal member overlaps the other, thereby creating an overlapping region;

a bond at the overlapping region securing the proximal member to the distal member; and

a steering center support located within at least the distal member and secured to at least one of the proximal member and the distal member.

43. (Amended) A catheter, comprising:

a hollow catheter body proximal member defining a distal region and including a side wall having an aperture formed therein;

a hollow catheter body distal member defining a proximal region, the distal and proximal members being respectively located such that one of the distal region of the proximal member and the proximal region of the distal member overlaps the other, thereby creating an overlapping region;

a bond at the overlapping region securing the proximal member to the distal member;

at least one internal component located within at least the distal member; and

adhesive material connecting the proximal member to the at least one internal component, at least a portion of the adhesive material being in the vicinity of the side wall aperture.

44. (Amended) A catheter as claimed in claim 40, further comprising:

a guide coil.

46. (Amended) A catheter, comprising:

a hollow catheter body proximal member defining a distal region;

a hollow catheter body distal member defining a proximal region, the distal and proximal members being respectively located such that one of the distal region of the proximal member and the proximal region of the distal member overlaps the other, thereby creating an overlapping region;

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a bond at the overlapping region securing the proximal member to the distal member; and

a steering center support and a sleeve covering at least a portion of the steering center support located within at least the distal member.

47. (Amended) A catheter as claimed in claim 40, wherein adhesive extends around the periphery of the steering center support.

49. (Amended) A catheter as claimed in claim 48, wherein the at least one energy transmission element comprises a tip energy transmission element, and the steering center support is connected to the tip energy transmission element.

C10

Please add claims 50-69 as follows:

50. A catheter as claimed in claim 30, further comprising:

a steering wire secured to the steering center support.

C11

51. A catheter as claimed in claim 30, wherein the catheter body comprises a proximal member defining a distal region, a distal member, and a tip carried by the distal member, and the steering center support extends from the proximal member distal region to the tip.

52. A catheter, comprising:

a hollow catheter body including proximal member defining a distal region and a distal member defining a distal end, at least one of the proximal and distal members having a side wall and an aperture extending through a predetermined portion of the side wall;

a tip member carried by the distal end of the distal member;

at least one internal component located within the catheter body and secured to the tip member; and

adhesive material located within the hollow catheter body such that at least a portion of the adhesive material is in the vicinity of the side wall aperture, the adhesive material securing the proximal member distal region to the at least one internal component.

C11

53. A catheter as claimed in claim 52, wherein the at least one internal component comprises a guide coil.

54. A catheter as claimed in claim 52, wherein the at least one internal component comprises a steering center support.

55. A catheter as claimed in claim 54, wherein the at least one internal component comprises a sleeve covering at least a portion of the steering center support.

56. A catheter as claimed in claim 52, wherein the adhesive material extends around the periphery of the internal component.

57. A catheter as claimed in claim 52, wherein the distal member includes at least one energy transmission element.

58. A catheter as claimed in claim 52, wherein the tip member comprises a tip energy transmission element.

59. A catheter as claimed in claim 52, further comprising:

a torque transfer device located within at least a portion of the adhesive material and adapted to engage at least a portion of the at least one internal component and transfer torque to the at least one internal component.

60. A catheter, comprising:

a hollow catheter body including

a proximal member defining an inner diameter, an outer diameter, and a distal region, and

a distal member defining an inner diameter that is substantially the same as the proximal member inner diameter, an outer diameter that is substantially the same as the proximal member outer diameter, and a proximal region,

one of the proximal member distal region and the distal member proximal region including a small portion that overlaps the other of the proximal member distal region and the distal member proximal region, thereby defining an overlapping region;

a bond at the overlapping region securing the proximal member to the distal member; and

at least one internal component located within at least the distal member.

61. A catheter as claimed in claim 60, wherein the bond comprises a thermal bond.

62. A catheter as claimed in claim 60, wherein the proximal member includes a side wall having an aperture formed therein.

63. A catheter as claimed in claim 62, further comprising:

adhesive material connecting the proximal member to the at least one internal component, at least a portion of the adhesive material being in the vicinity of the side wall aperture.

64. A catheter as claimed in claim 60, wherein the at least one internal component comprises a guide coil.

65. A catheter as claimed in claim 60, wherein the at least one internal component comprises a steering center support.

C11

66. A catheter as claimed in claim 65, wherein the at least one internal component comprises a sleeve covering at least a portion of the steering center support.

67. A catheter as claimed in claim 60, wherein adhesive extends around the periphery of the internal component.

68. A catheter as claimed in claim 60, wherein the distal member includes at least one energy transmission element.

69. A catheter as claimed in claim 68, wherein the at least one energy transmission element comprises a tip energy transmission element, and the at least one internal component is connected to the tip energy transmission element.